



SELF LUBRICATED DESIGN

Plug valve is a taper shaped device that is situated inside the valve. It is used to control the flow of material. The tapered seat surfaces of the plug and body are not exposed to the line fluid when the valve is in the open position, so that the effects of corrosion and erosion are confined to the less important parts of the valve.

Also, since there is a straight flow path through the valve, there is very little resistance to flow and pressure loss is minimized. Its operation is quarter turn.



TECHNICAL DETAIL

DESIGN TYPE	LUBRICATED HALF JACKETED FULL JACKETED
MFG. STANDARD	API 599 / BS 5353
TESTING STANDARD	API 598 / API 6D / EN 12266-1
FACE TO FACE DIMENSIONS	ASME B 16.10
FLANGE STANDARD	ASME B16.5
SCREWED END STANDARD	ASME B1.20.1
PRESSURE & TEMPERATURE RATING	ASME B 16.34
PRESSURE CLASS	150#, 300#, PN10, PN16
VALVE SIZE	1/2" To 12" (15 mm TO 300 mm)
END CONNECTIONS	FLANGED SCREWED END (BSP / NPT) F
FLANGE DRILLING	150#, 300#, PN10, PN16, BS10TABLED / E / F / H
MATERIAL OF CONSTRUCTION	CITIOIS210GR.FG200 ASTM A 216GR.WCB ASTM A 217GR.WC6/WC9 / CA 15 ASTM A 351GR.CF8 / CF8M / CF3 / CF3M / CD4MCu ASTMA 352GR.LCB
OPERATIONS	HANDLEVER (WRENCH) / GEAR PNEUMATIC / ELECTRICAL ACTUATOR

FACE TO FACE DIMENSIONS (FLANGED)

INCH	MM	150#
1/2"	15	108.0
3/4"	20	118.0
1"	25	127.0
1 1/4"	32	140.0
1 1/2"	40	165.0
2.5"	65	190.0
3"	80	203.0
4"	100	229.0
5"	125	254.0
6"	150	267.0
8"	200	292.0
10"	250	330.0
12"	300	356.0

TEST PRESSURE

CLASS	BODY HYDRO TEST		SEAT HYDRO TEST	
	PSIG	KG/CM2	PSIG	KG/CM2
CI	313	22	228	16
CS/SS	450	32	315	22

*Pressure Testing Time Will be 15 Sec. *Test With Water only.

ADD.- 8, Adarsh Crystal Ind. Park, Nr. SPX Flow Company, Adinathnagar
Road, Odhav, Ahmedabad -382415

MO.- +91-9173743385

www.flowtechvalve.com